



Department of Civil and Environmental Engineering  
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## Aquatic Environmental Science 7. Particle and Adsorption

1. Size continuum of particles
    - Dissolved and particulate fractions
    - Inorganic and organic fractions
    - Review of sediment
    - Colloids and organic particles
  2. Solid - water interface
    - Chemical bonding
    - Adsorption and desorption
    - Adsorption isotherm
    - Distribution and partition coefficient
  3. Exercise
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